

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 07.11.14	Job No.: 00106	ADR Yes/No: N	ADR Date: N/A	ECN #: 1065
Product No.: D350-771	Created By: <i>HA</i>	Approved By: <i>MD</i>		
Product Name: Dual Control Collective & Cyclic Grip Sticks	Checked By: <i>JC</i>	General Manager Approval:		

Distribution	Reqd	Resp	Received
Production Manager	Y	LL	<i>W</i>
Production Engineering Coord	Y	EC/DD	<i>EC</i>
Director Quality Assurance			
Customer Order Processing	Y	BG/SB	<i>BS 14-11-07</i>

Distribution	Reqd	Resp	Received
Customer Technical Support			
Marketing	Y	SW	<i>SW 07.11.14</i>

Reason for Change:

Documents Affected:

RECEIVED FAA STC: SH4786NM dated 07.11.06
RELEASE IIN-D350-771 Rev. A

#	Engineering Actions	Reqd	Resp	Notes	Complete
1	Required Documents/Drawings Under Review	Y	KJ		<i>07.11.14 HA</i>
2	Update Blue/Pink/DSI Folder and Electronic Files	Y	KJ/DC		<i>07.11.14 HA</i>
3	Update D-Part/M-Drawing/DSI/DEO Master Binders	N			
4	Update Grey Project Binder	Y	KJ		<i>07.11.14 HA</i>
5	Move Electronic Files	Y	KJ		<i>07.11.14 HA</i>
6	Update Master Document List (MDL)	N		SEE ECN 960	
7	Update Document Record (DR)	N		SEE ECN 960	
8	Create/Update Change Record Form	Y	KJ	<i>ALL P/N'S AT CHG 001</i>	<i>07.11.14 HA</i>
9	Create/Update PPP's	Y	KJ		<i>07.11.14 HA</i>
10	Update Controlled PDF Files	N			
11	Notify TC/FAA of Change	N			
12	Update QSI 021 and/or STC Approval List	Y	KJ		<i>07.11.14 HA</i>
13	Update Product Development Summary	Y	KJ		<i>07.11.14 HA</i>
14	Update Accpac Database	Y	KJ	SEE NOTE 2	<i>07.11.14 HA</i>
15	Update Access (ARC) Database	Y	KJ		<i>07.11.14 HA</i>
16	Update/Verify ARC	Y	KJ/DC		<i>07.11.14 HA</i>
17	Update Paperwork Kits in Production	N		None in production	
18	Update Qpulse/Laminated Dwgs	N			
19	Update Product Compatability Matrix	N			
20	Create Eurocopter Form (FEE)	N			
21					

#	Production Actions	Reqd	Resp	Notes	Complete
22	Create/Update Coss IPP/BOM	Y	EC/DD	SEE NOTES 1 & 2 BELOW	<i>08/01/14</i>
23	Update FAI Sheets	N			
24	Create/Update CNC Programs	N			
25	Create/Update Tooling	N			
26	Red Tag Stock (Specify)	N			
27	Rework/Scrap Current Production and/or Stock	N			
28	Update Paperwork Kits in Stock	N		None in stock	
29	Create/Update MPP	N			
30					

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
31	Notify Previous Customers	N			
32	Notify Eurocopter France	N			
33					

Description / Action:

Note 1: D350-771-011A replaces Geneva P/N: P111-P, D350-771-011B replaces Geneva P/N: P111-C, D350-771-013 replaces Geneva P/N: P107-B, D350-771-015 replaces Geneva P/N: P107-C, D350-771-017 replaces Geneva P/N: P107-D, D350-771-019 replaces Geneva P/N: P107-E)
Note 2: Cross Reference should be made for existing Geneva parts in Accpac and Coss

Kim Johnston

From: David Shepherd [dshepherd@dartaero.com]
Sent: Monday, November 12, 2007 12:25 PM
To: 'Bill Beckett'
Cc: 'Kim Johnston'; 'Mike O'Reilly'; 'Mike Petsche'; sjoseph@apicalind.com; chris.bonar@genevaaviation.com; 'Jeff Shapiro'; 'Sian Willems'; 'Peggy McDonald'; 'Heather Mahon'; 'Holly Menard'; 'Kim Fetter'; 'Jennifer Renwick'; 'Chantelle Toppin'; 'Ian Winkworth'; 'Marc Bellavance'; 'Leanne Elsliger'
Subject: FW: FAA stc for D350-771 Dual Control



SH4786NM_07-11-0
6.pdf

Bill,

FAA STC SH4786NM for the Dual Controls has finally been re-issued to Dart Aerospace to call out Dart paperwork and drawings. We will get the Canadian STC updated right away and initiate an EASA application.

Steve/Chris,

If you haven't done so already, can you send us all of the Engineering Reports for this STC to add to our EASA application.

Leanne,

I prepared a covering letter to Vince Massey requesting the transfer of Canadian STC SH93-73 to Dart USA. This letter should be similar to the letter you prepared recently to transfer the Canadian STC for the Shoulder Harness Kits. Email it to me along with a copy of the Dart MDL and IIN so that I can send the package to Vince Massey. I have the original Canadian STC here in Calgary.

Kim,

Go ahead and release the attached STC and associated IIN on an ECN

David

Vince Massey?

ECN 1065

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.503 / Virus Database: 269.15.30/1126 - Release Date: 11/12/2007
12:56 PM

Kim Johnston

From: Susanne Sheldon [ssheldon@dartaero.com]
Sent: Friday, July 20, 2007 2:43 PM
To: 'Kim Johnston'
Cc: 'Mike Petsche'; 'Leanne Elsliger'; 'David Shepherd'; 'Marc Bellavance'; 'Bill Beckett'
Subject: RE: STC for Geneva dual control collective and cyclic stick

Kim,
Please include the reference to the Geneva part number at the end of the list of STC's in Box 13 of the ARC.
Thanks, Susanne

-----Original Message-----

From: Bill Beckett [mailto:bbeckett@dartaero.com]
Sent: July 12, 2007 10:49 AM
To: 'David Shepherd'
Cc: 'Mike Petsche'; 'Leanne Elsliger'; 'Marc Bellavance'; 'Kim Johnston'; 'Susanne Sheldon'
Subject: RE: STC for Geneva dual control collective and cyclic stick

David,
This sounds like a reasonable compromise.
Susanne and I have talked about the ARC and we might have to modify QSI021 to make this work. It will be critical that our paperwork does not confuse the customer when they receive product from us.
Thanks,
Bill
PS: Susanne - please look at this ASAP so we can move forward.

-----Original Message-----

From: David Shepherd [mailto:dshepherd@dartaero.com]
Sent: July 12, 2007 10:18 AM
To: 'Bill Beckett'
Cc: 'Mike Petsche'; 'Leanne Elsliger'; 'Marc Bellavance'; 'Kim Johnston'; 'Susanne Sheldon'
Subject: RE: STC for Geneva dual control collective and cyclic stick

Bill,

As you requested, I discussed the part number issue with Steve Joseph.

In talking to Steve, although we now own the STC, all kit sales will be going through Geneva ... That is, DHS will place an order with Geneva who will in turn place an order with Dart. This is news to me, even if its not news to all of you. It was my understanding that Geneva was trying to offload STCs that were not within their core business, which I understand to be custom ENG completions. Seems to me that if they need to be paid a royalty, it could be done differently.

Steve's concern is that changing the part numbers will result in confusion at Geneva in receiving orders from DHS and placing orders with Dart. From my limited dealing with the Geneva kits, I don't know if Geneva even understands its own part numbering system, but that's just me. I think we want to switch to our part numbers for convenience and consistency within Dart and to distinguish between the kits that we sell and the kits that Geneva has already sold.

What I suggested to Steve is that we create our own MDL, IIN, and D-part drawings as we normally do (and have already done) and that we cross reference the Geneva part numbers on the parts list in our IIN. When we

WITH
UPDATED Paperwork



P107-A
-B
-C
-D
-E

R11 B
111 C

エアロファシリティ株式会社
Tel 03・5574・7655

enter the part numbers into MIS or COSS or whatever software we use now, we enter both the Geneva part number and the Dart part number. When we enter the Geneva part number, we just put in a comment that says "see Dart part number DXXXX". That way, a customer can order a Geneva part number from DHS, who can order a Geneva part number from Geneva, who can order the Geneva part number from Dart, who can supply the Dart part number. Packing slip, ARC, and box labels could be programmed to reference both part numbers for customer convenience.

I also recommend that now that we own the STC, we revise it to call out Two Configurations ... One configuration for the existing Geneva paperwork (that is full of errors) and one configuration for the updated Dart paperwork (which will correct all of Geneva's errors)

Maybe this isn't ideal, but I think we get what we want and Steve gets what he wants. Steve seems to be OK with this.

Does this seem like a reasonable compromise to all of you?

David

-----Original Message-----

From: Bill Beckett [mailto:bbeckett@dartaero.com]
Sent: Tuesday, July 10, 2007 11:35 AM
To: 'Mike Petsche'; 'Kim Johnston'
Cc: 'Mike O'Reilly'; sjoseph@apicalind.com; 'Jeff Shapiro'; 'Marc Bellavance'; 'David Shepherd'; 'Sian Willems'; 'Peggy McDonald'; 'Holly Menard'; 'H Mahon'; 'Carrie Pearson'; 'Kim Fetter'; 'Susanne Sheldon'; chris.bonar@genevaaviation.com
Subject: RE: STC for Geneva dual control collective and cyclic stick

Mike/Kim,
Please proceed with application for EASA approval.
Thanks,
Bill

-----Original Message-----

From: David Shepherd [mailto:dshepherd@dartaero.com]
Sent: July 9, 2007 3:05 PM
To: 'Bill Beckett'
Cc: 'Kim Johnston'; 'Mike O'Reilly'; sjoseph@apicalind.com; 'Jeff Shapiro'; 'Mike Petsche'; 'Marc Bellavance'; 'Sian Willems'; 'Peggy McDonald'; 'Holly Menard'; 'H Mahon'; 'Carrie Pearson'; 'Kim Fetter'; 'Susanne Sheldon'; chris.bonar@genevaaviation.com
Subject: FW: STC for Geneva dual control collective and cyclic stick

Bill,

SH4786NM for the Geneva Dual Controls has now been successfully transferred from Geneva to Dart Aerospace USA.
Please see attached.

Kim,

Please create an ECN to release. Ensure that this approval is added to our manufacturing approval.

Jeff/Steve/Chris,

Ready to transfer the Shoulder Harness STC when you are.
Please send to me in Calgary when you are ready.

Marc,

We can now look at submitting your updated/corrected drawings to our DER for review.

David

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.2/891 - Release Date: 7/8/2007

6:32 PM

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.2/893 - Release Date: 7/9/2007

5:22 PM

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.2/894 - Release Date: 7/10/2007

5:44 PM